

Small Unmanned Aircraft Systems (sUAS) – Compliance Monitoring from a New Perspective

Kentucky Division of Mine Reclamation and Enforcement (DMRE)

Kentucky DMRE recently began using a sUAS to supplement inspection and enforcement functions required to ensure surface and underground coal mining in Kentucky comply with the 1977 Federal Surface Mining Control Act (SMCRA). This session will explore the ups (and downs) of some of the sUAS missions and discuss plans for expanding sUAS use. Examples of 3-D models and point clouds generated from sUAS imagery will be presented.